REMARKS

Applicants appreciate the Examiner's helpful comment concerning the duplicate set of claims 69-71, as they appear on pages 8-9, of the application.

Actually the amendment presents the actual claimed subject matter, but misnumbers the second set of claims numbered 69-71, which should have properly have been numbered as claims 72-74, which is effected by the current amendment. In addition, applicants appreciate the Examiner's reminder that strikethrough is not permitted on original claims, and accordingly, claims 1 and 12 have been amended to bracket, rather than use strikethrough, of original subject matter. Applicant submits that the form of the claims is now correct.

Secondly, the Examiner has made reference to MPEP Section 1214.01 and 37 CFR 41.50 (b) (1), concerning prosecution after a Board decision. However, the Examiner should note the following comments.

Applicants attached, at the end of the previously filed amendment, a one page summary of the rejections reversed, sustained, and newly made by the Board. The Examiner will note that each and every previous claim is rejected over Sokal, alone or in a combination, with other art. Applicants also direct the Examiner's attention to the Board's decision at page 50, under the heading "Conclusion", in which the Board stated "in addition to the new grounds of rejections we have entered, we designate the affirmance of each of the Examiner's rejection that includes Sokal, a new ground of rejection (37 CFR Section 41.50(b) (emphasis added)". It appears the Board wishes the Examiner to review anew each rejection in this application. Thus, applicant's previous response was a proper response under 37 CFR Section 41.50(b) (1) as well as MPEP Section 1214.01, inasmuch as every claim is considered to be rejected under a new grounds of rejection. Thus, the evidence submitted, the amendments made, and the arguments advanced, are all proper responses to

they are proceeding before the Examiner in a reopened prosecution, rather than a rehearing before the Board, and thus the Examiner is now charged with consideration of each and every claim presently pending in the application.

With regard to providing on pages separate from the pages containing the changes (i.e. the amended claims and the new claims), applicants have specifically listed on page 19 on the previous response the "status of the claims". Applicants supplement that response by including a marked-up copy of the claims showing the newly amended subject matter, including a brief reference to the specification, original claims, and or drawings showing where the subject is matter of the amendment supported in the original disclosure.

Additionally, applicants attached the Declaration of the co-inventor, Dr. Johnson A. Asumadu, in further support of diligence in the time period from March 22 1996, to September 18, 1996, as supplementing the previously filed Declarations of Dr. Asumadu and that of his co-inventor, James A. Satchell, Jr.

Applicants believe they have fully responded to all the outstanding issues raised by the Board's decision, as well as those in the Office Action of March 2, 2009. However, in view of the voluminous record, applicants suggest that a brief personal interview with the Examiner, his new supervisor, SPE Albert DeCady, and the QAS, will reduce many issues and materially advance prosecution of this reissue application, which has been pending for 8½ years. It is believed that during such an interview, a number of issues can be resolved, including the issue of recapture, which will materially advance the application towards allowance, or in the alternative, materially reduce the issues in any further appeal. Therefore, applicants, through the undersigned representative, will contact the Examiner by telephone shortly in order to arrange such an interview. However, should the Examiner reach this application for action before the foregoing contact, he is requested to contact the undersigned by telephone at (202) 659.0100.

For all the foregoing reasons, and those pointed in the response filed January 7, 2009, favorable reconsideration and withdrawal of all the previous rejections and passage of the application to issue, are respectfully requested.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 14-1437, under Order No. 8685.002.US0001.

Date: April 2, 2009

Respectfully submitted,

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MARKED- UP COPY OF AMENDED CLAIMS

U.S. Appl. No. 09/686,626 Atty. Docket No.: 8685.002.US0001

IN THE CLAIMS:

Please amend the claims to read as follows.

1. (Currently Amended) A vending machine for sale of items selected by a customer, said Spacificotur, col 4, 247-52

[door] vending machine including a retrofit door for retrofitting to an existing vending machine, said vending machine comprising:

a storage unit for storing a plurality of items for sale and a dispensing mechanism for dispensing the items from said storage unit; speafication, col 4, 147 et seg

the retrofit door comprising:

- (a) a selector device for selecting one or more of said items for sale by a customer;
- (b) a payment-control device for receiving and detecting an amount of payment required for sale of an item and for actuating said dispensing mechanism when a payment is received to dispense a selected item; and
- (c) a computer assembly connected to said storage and dispensing unit, selector device and payment control device and having a computer, video display screen and a communication network, whereby said computer is connected to and actuated by said selector device for automatically connecting said computer to a preselected internet site and automatically displaying information obtained from said internet site on said video screen for viewing by the customer, said computer assembly further including customer actuating means for enabling a customer to interface with said computer.
- 2. (Original) The vending machine of claim 1, wherein said communication network comprises a modem and said computer assembly further includes a telephone line connection for connecting said computer to said internet site.
 - (Previously Presented) The vending machine of claim 1, wherein said computer

ifferent internet sites,

comprises software for selectively connecting said computer to a plurality of different internet sites, and being connected to said selector device for automatically connecting said computer to a specific internet site in response to a selected item.

4. (Original) The vending machine of claim 1, said computer assembly further comprising

data storage means connected to said selector device for displaying selected stored information in response to a selection of items by a customer.

- 5. (Original) The vending machine of claim 4, wherein said computer displays information from said data storage means at idle times of said vending machine.
- 6. (Original) The vending machine of claim 5, further comprising a speaker for broadcasting audio signals, where said data storage means transmits signals to said video screen and speaker to display advertising information from said data storage means.
- 7. (Original) The vending machine of claim 1, said computer further comprising user operated keypad and trackball for operating said computer to connect said computer to an internet site selected by said customer.
- 8. (Original) The vending machine of claim 1, said computer further including speakers for receiving audio transmission from said internet site.
- 9. (Original) The vending machine of claim 1, said computer further comprising an audio display device, a microphone and audio recording device for recording audio by said customer.
- 10. (Original) The vending machine of claim 9, wherein said computer further comprises a camera and video recording device for recording an image of said customer.
- 11. (Original) The vending machine of claim 1, wherein said computer further comprises a central control unit for an audio-visual connection to an internet site;

a transmission unit for transmitting an audio-visual signal from said computer to said internet a receiving unit for receiving audio-visual signals from said internet site; and a recording unit for recording and storing said audio-visual signals.

12.(Currently Amended) A retrofit door assembly for retrofitting an existing vending machine for sale of items selected by a customer, said retrofit door assembly comprising:

a storage unit for storing a plurality of different items for sale and a dispensing mechanism for dispensing the items from <u>said</u> storage unit;

a selector device for selecting one or more of said items for sale by the customer;

a payment-control device for receiving and detecting an amount of payment required for sale of an item and for actuating said dispensing mechanism when a payment is received to dispense a selected item; and

Specification col 3, 1 12-15

a computer assembly connected to said storage [and dispensing] unit and dispensing mechanism selector device and payment control device, and having a computer, video display screen and a modem, whereby said computer is connected to and actuated by said selector device for automatically connecting said computer to a pre-selected internet site and automatically displaying information obtained from said internet [address] site on said video screen for viewing by the customer.

13.-30. (Cancelled) . Sperf, on the col 4, 1 47-52

31. (Currently Amended) A retrofit door assembly for retrofitting an existing vending machine for dispensing of at least one drink selected by a customer said retrofit door assembly comprising:

a door having a computer, video screen and communication network operatively connected to the internet whereby a customer may view website content on said video screen.

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U.S. Appl. No. 09/686,626 Atty. Docket No.: 8685.002.US0001

Figs 1-3 And Spublicate, Gol 1, & 62-67, col 7, l. 48-54

an access portal to the Internet on said door for interaction of the customer through the Internet.

so that the customer may choose a website to view on the video screen.

32. (Currently Amended) A vending machine comprising the retrofit door assembly of claim 31, said vending machine further including a storage unit for storing said at least one drink for selection by a customer,

- 33. (Currently Amended) The vending machine of claim 32, wherein said vending machine further comprises a dispensing mechanism for dispensing said at least one drink.
- 34. (Previously Presented) The vending machine of claim 32, wherein at least one of a telephone connection, cable, modern, antenna, and satellite dish is provided for interacting with other transmitters and receivers.
- 35. (Previously Presented) The vending machine of claim 34, wherein the other receiver is capable of receiving and utilizing data.
- 36. (Currently Amended) The vending machine of claim 32, wherein said selected drink is at least one drink selected from the group consisting of drinks in cans and bottles.
 - 37. (Previously Presented) The vending machine of claim 32, further comprising:

at least one mechanism selected from the group including data storage unit, programmable audio-video message storage unit, laser-disc, read-write CD-ROM, read only memory recording medium magnetic media and diskette for storage of data and recording- storage and playback of audio and video signals.

wherein a customer is enabled respectively to upload and download audio and video signals from and to said mechanism to and from websites and home pages, and to send and receive data from and to said mechanism to and from other data transmitters or receivers.

38. (Previously Presented) The vending machine of claim 37, further

comprising a camera connected to a computer for generating video signals, and

a microphone connected to a computer for generating audio signals, wherein said microphone generated audio and camera generated video signals are recorded alone or in combination with already recorded audio and visual signals by said at least one mechanism.

39. (Previously Presented) The vending machine of claim 32, further comprising: a camera connected to a computer for generating video signals-,

a microphone connected to said computer for generating audio signals; and

at least one audio-video mechanism connected to said computer for recording said audio

and

- 40. (Previously Presented) The vending machine of claim 39, wherein said signals provide a two-way communication via the Internet.
- 41. (Previously Presented) The vending machine of claim 40, wherein said at least one audio-video mechanism is selected from the group consisting of data storage mechanism, laser-disc read-write CD-ROM, and diskette, whereby said signals are recorded by said at least one audio-video mechanism and dispensed to the customer.

42.-59. (Cancelled).

- 60. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine of claim 31, wherein the communication network comprises a modem on said door.
- 61. (Currently Amended) The retrofit door assembly of claim 31, further comprising a money delivery port on said door.
- 62. (Currently Amended) The vending machine of claim 61, wherein money is dispensed through said money delivery port.
 - 63. (Currently Amended) The retrofit door assembly for retrofitting an existing vending

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machine of claim 31. wherein said door further comprises means for two-way interactive communications by a customer with the Internet.

(Currently Amended) The retrofit door assembly for retrofitting an existing 64. vending machine according to claim 31, wherein the door further comprises at least one of a blank compact disk and a blank diskette delivery port.

- 65. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprises speakers.
- 66. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a keypad.
- (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a trackball.
- 68. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a camera.
- 69. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a programmable selection panel for customer selection of websites or home pages to transmit-receive data, music, video and audio and to provide visual and digital recording functions.
- 70. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a headphone.
- 71. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a microphone
- 72. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a credit card reader.

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- 73. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprising means for displaying pricing information for the Internet.
- 74. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a scratch pad memory unit.
- 75. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, wherein the door further comprising means to display time left to browse web sites.
 - 76. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, further including a programmable selection panel for selecting web sites or home pages.
 - 77. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, further including means to accept input from a customer.
- 78. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 77, wherein the computer is also connected to the means to accept input from a customer.
- 79. (Previously Presented) The vending machine of claim 32, wherein said vending machine is connected to an Internet service provider by a communication network system which enables two-way multimedia interactive communication with a customer.
 - 80. (Currently Amended) The vending machine of claim 32, further comprising transmitting and receiving network communication means and content uploading and downloading means to and from websites so as to enable communication between a customer and an owner or operator of said vending machine.

Spudport. cl 4, & 25-27

81. (Currently Amended) The vending machine of claim 32, further comprising programmable means to connect the machine to a website or homepage of a manufacturer of the drink selected.

- 82. (Previously Presented) The vending machine of claim 32, further comprising programmable means to connect the machine to a web site or homepage of an owner or operator of the vending machine.
- 83. (Previously Presented) The vending machine of claim 32, further comprising at least one of an audio or a video interface circuit for two-way interactive communication.
- 84. (Previously Presented) The vending machine of claim 83, wherein the interface circuit for two-way interactive communication is a video interface circuit.
- 85. (Previously Presented) The vending machine of claim 82, further comprising means to download a communication onto a mobile recording medium.
- 86. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 63, wherein the interactive communications are interactive visual communications.
- 87. (Previously Presented) The vending machine of claim 32, further comprising a credit card acceptor.
- 88. (Previously Presented) The vending machine of claim 32, further comprising means for accepting payment.
- 89. (Previously Presented) The vending machine of claim 88, wherein the payment comprises at least one of coins, bills and credit cards.
- 90. (Previously Presented) The vending machine of claim 32, further comprising means for accepting visual input.

- 91. <u>Previously Presented) The vending machine of claim 90, further comprising means</u> for converting said visual input to digital form.
- 92. (Previously Presented) The vending machine of claim 91, further comprising a communications network to connect the vending machine to a pre-programmed financial web site.
- 93. (Previously Presented) The vending machine of claim 92, further comprising means to download information from said financial web site.
- 94. (Previously Presented) The vending machine of claim 32, further comprising an amount deposit acceptor.
- 95. (Previously Presented) The vending machine of claim 37. wherein said programmable audio-video message storage unit comprises at least one of an optical recording medium, a magnetic recording medium, and an electrically eraseable and programmable read-only memory recording medium.
- 96. (Previously Presented) The vending machine of claim 32, further comprising a payment control device.
- 97. (Currently Amended) A combination of a computer and selector provided on a door for retrofitting an existing vending machine for dispensing at least one item selected for purchase by a customer, comprising a door upon which said computer is mounted and connected and activated by said selector, also mounted on the door, for connecting said computer to the Internet and conveying information from the Internet to a web site or homepage of a manufacturer of the item purchased, or the web site or homepage of an owner or operator of the vending machine.
- 98. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine according to claim 31, said door further comprising at least one of a programmable microprocessor and an interface circuit.
 - 99. (Currently Amended) The retrofit door assembly for retrofitting an existing vending

See above

machine according to claim 31, said door further comprising at least one of a digital signal processing unit and an interface circuit.

- for retrofitting an existing vending machine for dispensing at least one item selected by a customer, comprising a door, the door comprising a computer and a selector, wherein said computer is connected to and activated by the selector for connecting to a web site or homepage of a web site of an Internet provider.
- vending machine of claim 31, further comprising software for browsing the Internet.
- 102. (Currently Amended) The retrofit door assembly for retrofitting an existing vending machine of claim 78, wherein the computer displays a homepage or website, together with information from an Internet provider.
- 103. (Currently Amended) The vending machine of claim 32, further comprising a computer activation circuit in which the computer is connected to an Internet provider via the Internet before the drink is dispensed.
- vending machine of claim 31, further comprising software for connecting the computer with an Internet site.
- machine of claim 31, wherein an Internet site is selected from the group consisting of an Internet provider, a manufacturer of the item, a vendor of the item, a website specified by the customer, an owner of the vending machine, an operator of the vending machine, news websites, financial websites, music websites and a website of the property owner where the vending machine is located.
 - 106. (Previously Presented) The vending machine of claim 32, further comprising

software for automatically connecting the vending machine to a specific Internet web site.

- 107. (Previously Presented) The vending machine of claim 106, wherein the specific Internet website transmits and receives at least one of data, audio or video signals.
- 108. (Previously Presented) The vending machine of claim 32, further comprising means to display advertising when the vending machine is idle.
- 109. (Currently Amended) The door for retrofitting an existing vending machine of claim 31, further comprising an escutcheon plate and a transparent plastic panel with back lighting to display a logo or trademark of a vendor, and at least one audio or video drive for transmitting customer data to a remote receiver.
- 110. (Previously Presented) The door for retrofitting an existing vending machine of claim 31, further comprising an interface to a communication network to access an on-line computer service, wherein said service is capable of transmitting and receiving, via a communication network, a request for service by a customer and a response to said request.
- 111. (Previously Presented) The vending machine of claim 32, further comprising a transmit-receive circuit connecting the vending machine with other transmitters and receivers.
- machine for sale of items selected by a customer, said retrofit door assembly comprising: a door, said door comprising: a selector device for selecting one or more of said items for sale by the customer; a payment-control device for receiving and detecting an amount of payment for the item for sale; the payment control device receiving and detecting a further amount of payment in excess of the payment required for the item for sale; and means for connecting the customer to a website of his choice upon receiving and detecting said further amount of payment.
- 113. (Previously Presented) The door for retrofitting an existing vending machine of claim 31, further comprising a mouse.

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Atty. Docket No.: 8685.002.US0001

114. (Currently Amended) A method of providing a customer with access to the Internet via a vending machine, said method comprising:

- 1.) providing a vending machine to vend at least one item for purchase by a customer;
- 2.) said step of purchasing said at least one item permits the customer to be operatively connected, via the Internet, to at least one pre-selected website:
- 3.) allowing access to at least one additional websites of the customer's choice, said access comprising at least one of inserting money or credit card information into the vending machine in excess of an amount required for the purchase of said at least one item; and customer input of data to a computer.

Currently Amended) The method of claim 114, including connecting said cols computer to a website via a modem.

116. (Currently Amended) The method of claim 114, wherein said customer input comprises activating at least one key of a keyboard.

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- of audio, video and multi-media capabilities associated with the vending machine.
 - 118. (Currently Amended) The method of claim 114, wherein said access to the internet is effected by inserting money in the form of coin or currency into said vending machine.
 - 119. (Previously Presented) The method of claim 114, wherein said access includes providing means for two-way interactive visual communications by a customer with the internet.
 - 120. (Previously Presented) The method of claim 114, further including the step of providing means to allow the customer to download data, audio or video information from the internet and take it away from the vending machine in the form of magnetic or optical storage media.

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- 121. (Previously Presented) The method of claim 114, including providing the vending machine with a camera.
- 122. (Currently Amended) The method of claim 114, wherein the step of providing said vending machine is in the form of an existing vending machine with a retrofit door.
- 123. (Previously Presented) The method of claim 114, wherein a customer may transmit data on the internet from the customer's own magnetic or optical storage mediums insertable into drives in the vending machine.
- the retrofit door for the vending machine and said computer also controls various components of the vending machine, in addition to internet access.
- 125. (Previously Presented) The method of claim 114, further including providing at least one of telephone, cable or satellite communications on said vending machine.
- 126. (Previously Presented) The method of claim 114, further including providing a microphone on the vending machine.
- machine for drinks, said method comprising: providing a vending machine for drinks with a retrofit door assembly, the retrofit door assembly comprising a door with a video screen, at least one of a credit card reader or a money acceptor; and at least one of a keypad, mouse or trackball; automatically connecting the customer to at least one predetermined website and displaying the at least one predetermined website on the video screen upon said actuation of the money acceptor or credit card reader in an amount required to purchase the drink; causing a drink to be vended to the customer; permitting a predetermined time period for which the customer is automatically connected to the at least one predetermined website; and thereafter permitting the customer access to at least one website of the customer's choice on the Internet/world wide web through interaction

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See above Aud also col4, 129-36

with said vending machine by the payment of an additional amount in excess of the amount required to vend the drink, which customer's choice of website is displayed on the screen.

128. (Cancelled)

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- displays at least one of informational, entertainment or advertising.
- 130. (Currently Amended) A method of manufacturing vending machines, comprising the step of providing a vending machine to dispense at least one article selected from the group consisting of cans, bottles, drinks in cups, sandwiches, candy and combs to be purchased by a consumer; wherein the vending machine comprises a storage device for the at least one article and a dispensing mechanism for dispensing the at least one article; the vending machine being further provided with a delivery port in a door of the vending machine through which the at least one article is dispensed to the consumer: the door of the vending machine further incorporating a two way interactive consumer accessible internet communication system to permit the customer access to websites of the customer's choice.
- 131. (Currently Amended) The vending machine according to claim 32, wherein said at least one item selected is a drink.
- 132. (Currently Amended) The vending machine according to claim 32, wherein said at least one item selected is a drink in bottles.
- 133. (Previously Presented) A door for a vending machine for sale of items selected by a customer, said door comprising: a dispensing mechanism for dispensing an item from among a plurality of items stored in a storage unit of said vending machine, a selector device permitting the customer to select one or more of said items for sale, a payment-control device capable of receiving and detecting an amount of payment required for a sale of an item, and an access portal to the Internet on said door for interaction of the customer with the Internet.

Sperful, col 1, S. 64

134. (Currently Amended) The retrofit door assembly of claim 133, wherein the item selected by the customer is a drink in bottles.

135. (New) The method of claim 114, further comprising the step of incorporating a timing device into the vending machine to limit the time the customer is operatively connectable, via the Internet, to at least one of the preselected websites.

136. (New) The method of claim 130 wherein said at least one item is a can.

137. (New) The method of claim 130 wherein said at least one is a bottle.

138. (New) A retrofit door assembly for retrofitting an existing vending machine for sale of items selected by a customer; said retrofit door assembly comprising:

a door;

said door comprising a computer assembly;

said computer assembly comprising a computer, video display screen and a communication network, whereby said computer is connectable to at least one of a pre-selected website and a website of a customer's choice, with a display of the the at least one website being visible on said video screen for viewing by the customer.

139. (New) A retrofit door assembly for retrofitting an existing vending machine for sale of items selected by a customer, said retrofit door assembly comprising:

a door;

said door comprising:

a selector device for selecting one or more of said items for sale by the customer;

a payment-control device for receiving and detecting an amount of payment required for sale of an item and for actuating said dispensing mechanism when a payment is received to dispense a selected

item; and

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a computer assembly connected to said selector device and payment control device;

said computer assembly comprising a computer, video display screen and a communication network, whereby said computer is connected to and actuated by said selector device for automatically connecting said computer to at least one website of a customer's choice and displaying information obtained from said website on said video screen for viewing by the customer.

of items selected by a customer, said retrofit door assembly comprising:

a selector device for selecting one or more of said items for sale by the customer;

a computer assembly connected to said selector device and having a computer, video display screen and a communication network, whereby said computer is connected to and actuated by said selector device for connecting said computer to a website of the customer's choice and displaying information obtained from said website on said video screen for viewing by the customer.

Sperifient, and 4 ll 47-52; cols, l 7-11 col 4, l 66 to corl 5, l 3; col 4, l 53-63; col 6, l 13-19 and col 9, l 4-20